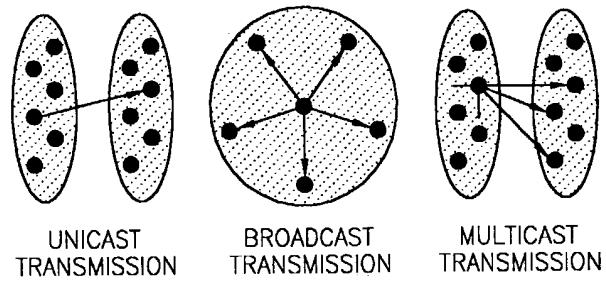


FIG. 1 (PRIOR ART)



The diagram illustrates a network topology. A central node labeled 'AP' is connected to several other nodes. The nodes are represented by rectangular boxes and are numbered 1 through 13. The connections are shown as lines with lightning bolt symbols, indicating wireless communication. The nodes are arranged in a circular pattern around the central AP. The connections are as follows:

- AP is connected to nodes 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13.
- Node 1 is connected to AP and node 2.
- Node 2 is connected to AP and node 1.
- Node 3 is connected to AP and node 4.
- Node 4 is connected to AP and node 3.
- Node 5 is connected to AP and node 6.
- Node 6 is connected to AP and node 5.
- Node 7 is connected to AP and node 8.
- Node 8 is connected to AP and node 7.
- Node 9 is connected to AP and node 10.
- Node 10 is connected to AP and node 9.
- Node 11 is connected to AP and node 12.
- Node 12 is connected to AP and node 11.
- Node 13 is connected to AP and node 1.

The diagram also includes labels 220, 210, and 230, which are likely reference numerals for the nodes or connections.

FIG. 3

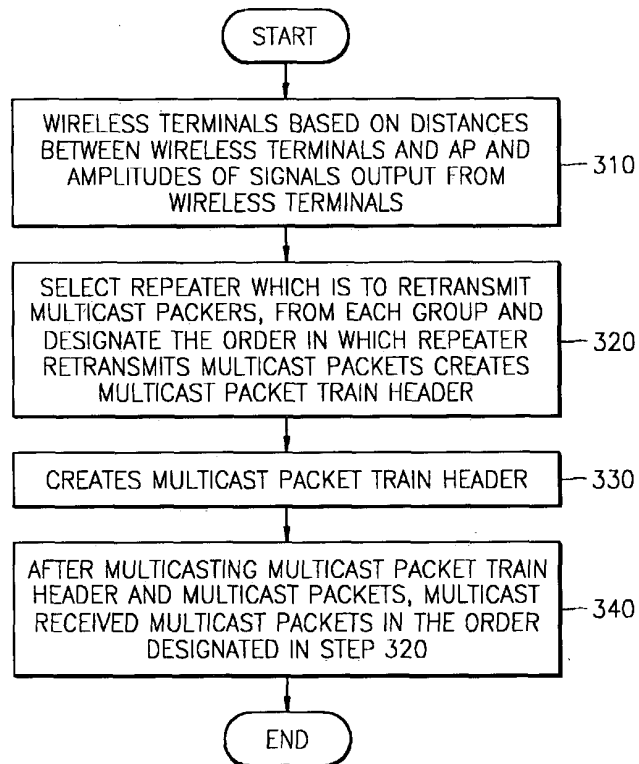


FIG. 4

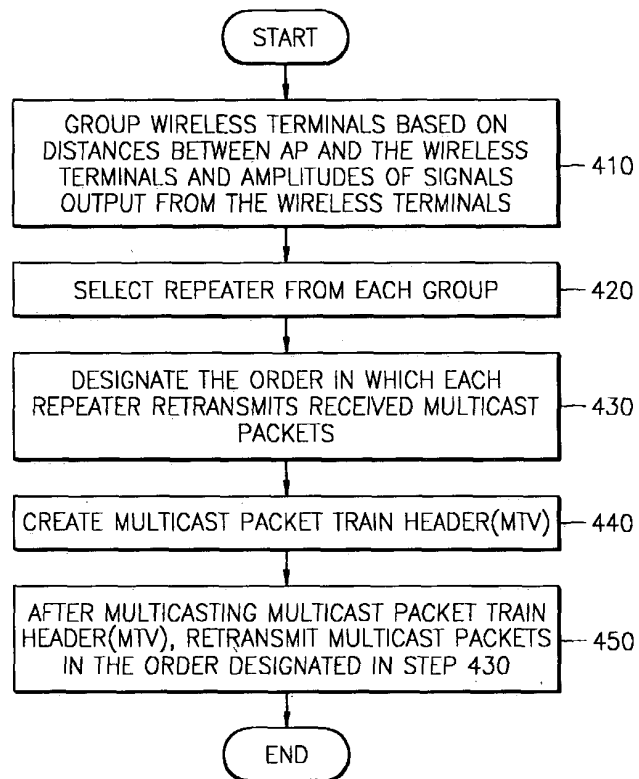
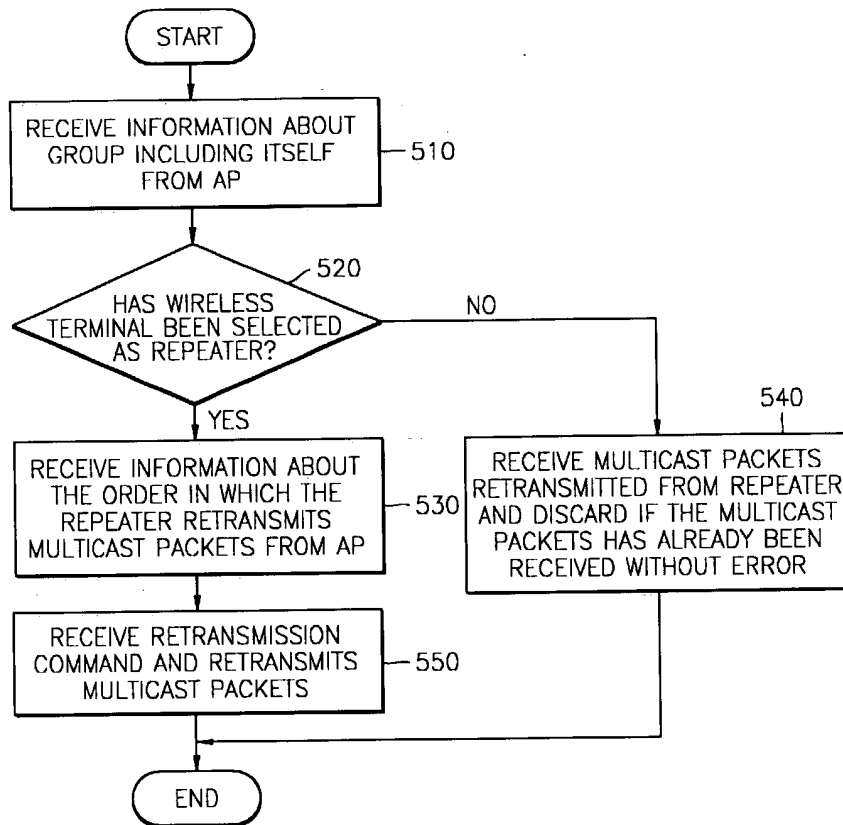


FIG. 5



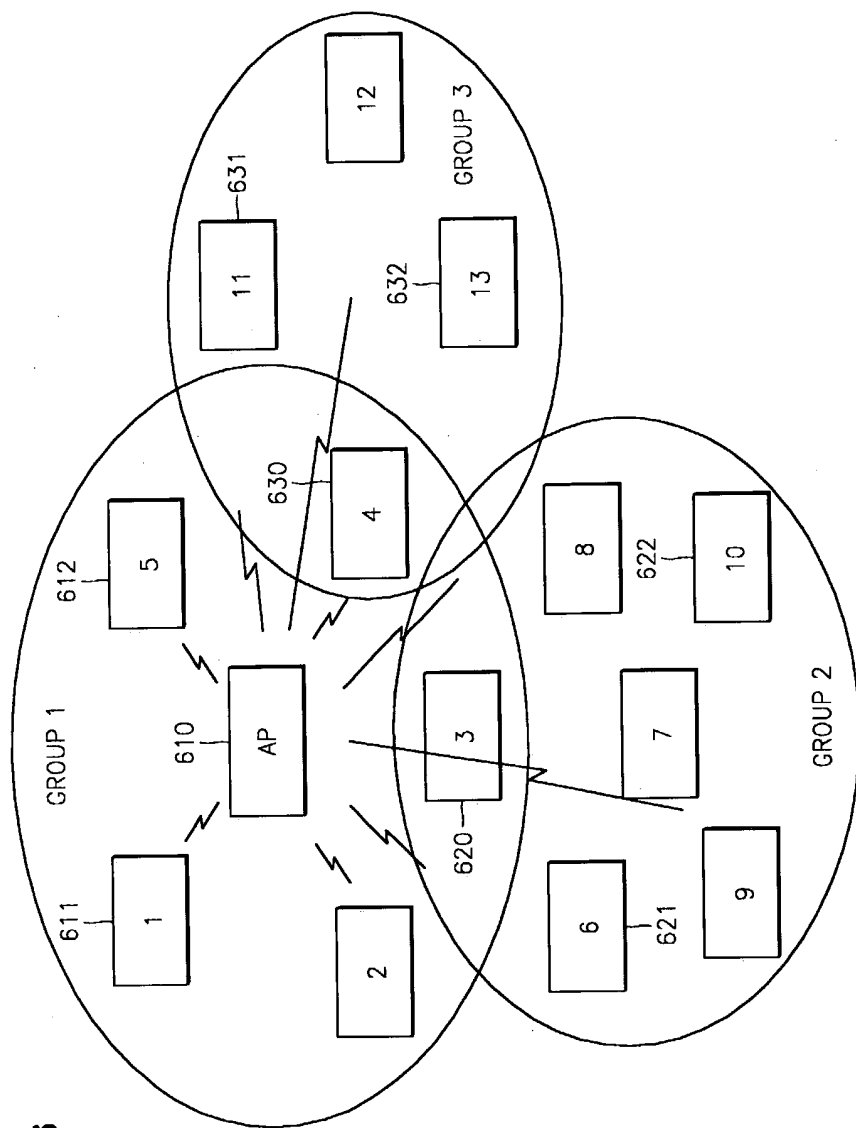


FIG. 6

Diagram illustrating a network topology for multicast packet retransmission. The network is divided into three overlapping groups:

- GROUP 1** (Left): Contains nodes 1, 2, 3, 4, 5 and an AP (Access Point). The AP is connected to nodes 1, 2, 3, and 4. Node 3 is also connected to node 4. Node 2 is connected to node 3. Node 1 is connected to node 2. Node 3 is connected to node 4. Node 4 is connected to node 5.
- GROUP 2** (Right): Contains nodes 6, 7, 8, 9, 10. Node 3 is connected to node 6. Node 6 is connected to node 7. Node 7 is connected to node 8. Node 8 is connected to node 9. Node 9 is connected to node 10.
- GROUP 3** (Top): Contains nodes 11, 12, 13. Node 10 is connected to node 11. Node 11 is connected to node 12. Node 12 is connected to node 13.

The diagram shows the order in which repeaters retransmit multicast packets, indicated by the number in a circle next to the node:

- Node 1: 1
- Node 2: 2
- Node 3: 3
- Node 4: 3
- Node 5: 3
- Node 6: 3
- Node 7: 3
- Node 8: 3
- Node 9: 3
- Node 10: 3
- Node 11: 3
- Node 12: 3
- Node 13: 3

Legend: (n) : THE ORDER IN WHICH REPEATERS RETRANSMIT MULTICAST PACKETS

FIG. 8

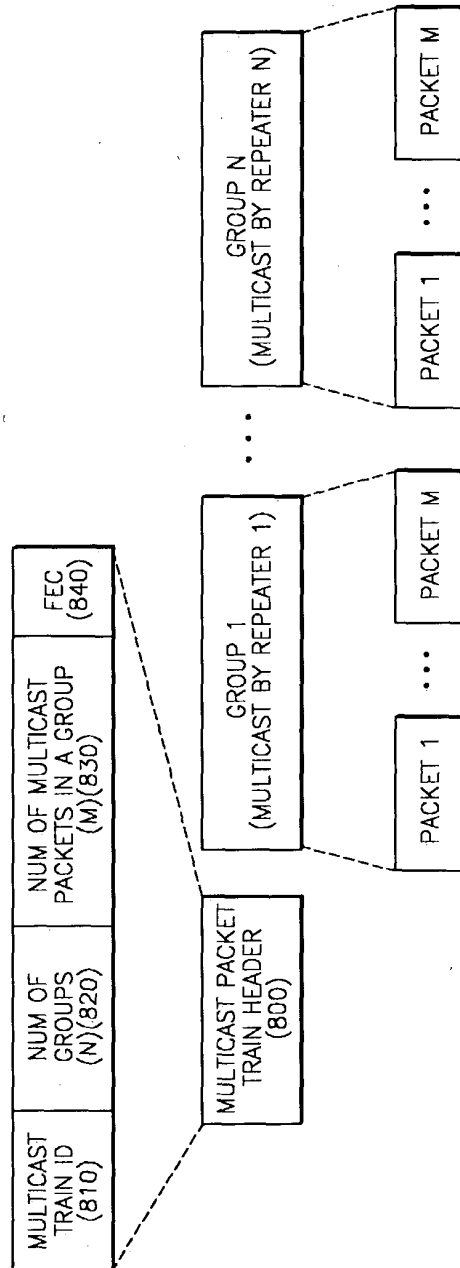


FIG. 9

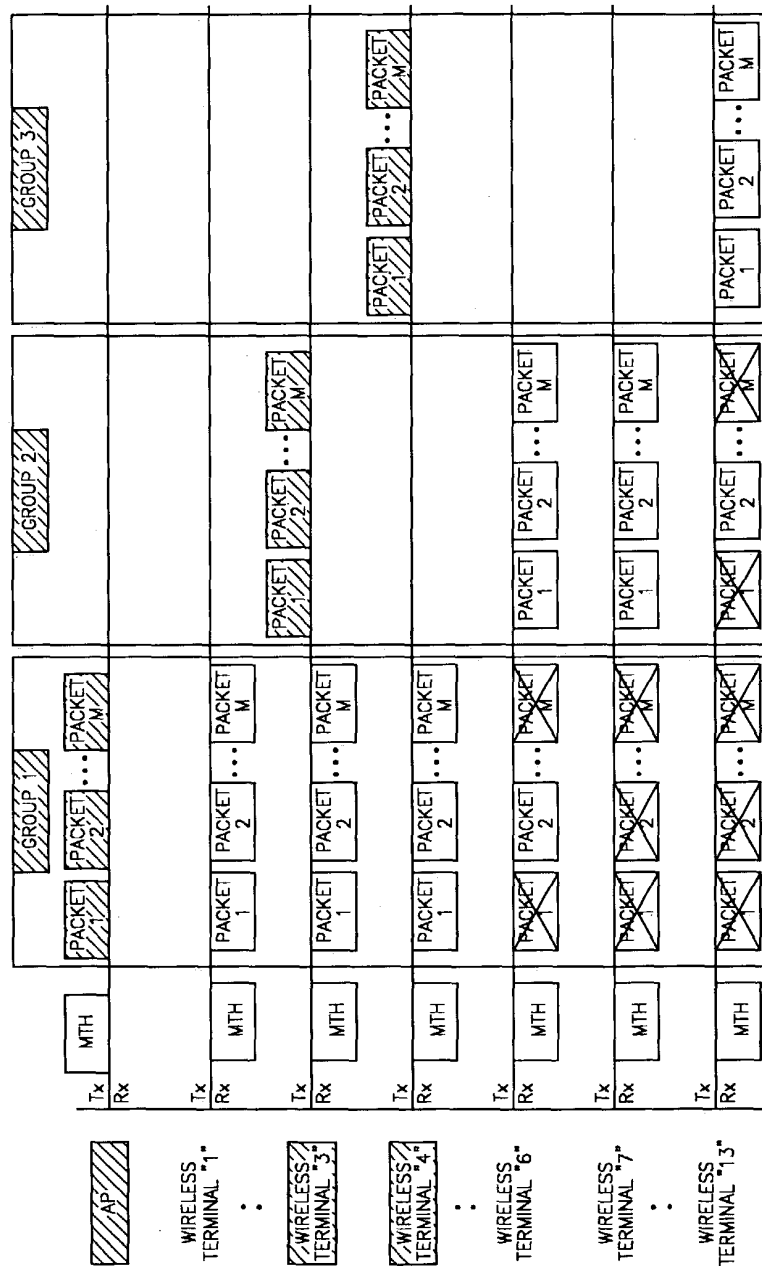


FIG. 10

